

Message Text

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ORIGIN EB-11

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TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 058351

EXCON

EO 11652: XGDS-1

TAGS: ESTC, COCOM, US, BU

SUBJ: US DISC DRIVE COMPONENTS TO BULGARIA - IL 1565

REFS: A. OC DOC 4494

B. COCOM DOC(72)714

USDEL REQUESTED SUBMIT FOLLOWING EXCEPTION UNDER URGENCY
PROCEDURE:

(1) 6,800 TYPE ERW-312101 READ/ WRITE HEADS VALUED AT
APPROXIMATELY 372,000 DOLS AND

(2) 503 TYPE VR 12: TR 313501 CYLINDER TRANSDUCERS VALUED
AT 31,575 DOLS.

COVERED BY 1565(H). CONSIGNEE: ISOTIMPEX, 51 CHAPAEV
STREET, SOFIA. WILL BE USED IN MANUFACTURE OF ISOT MODEL
5052 DISC DRIVES, WHICH WILL BE USED WITH TYPE ES 1020 AND
ZIT-151 COMPUTERS MADE IN BULGARIA. THESE QUANTITIES
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REPRESENT A PROJECTED REQUIREMENT FOR A 12- MONTH PERIOD OF
PRODUCTION.

THE READ/ WRITE HEADS ARE A FOLLOW- ON ORDER TO THOSE PRESENTED TO COMMITTEE IN REF. B AND APPROVED IN DOC(72)1047. FOLLOWING AIRGRAM CONTAINS LIST OF COMPUTER INSTALLATIONS FOR WHICH DISC DRIVES MANUFACTURED FROM HEADS PREVIOUSLY EXPORTED ARE INTENDED (NOT ALL YET DELIVERED). THIS LIST SHOULD BE MADE AVAILABLE TO COCOM ON ARRIVAL. IF EXPORT APPROVED, US WILL ISSUE LICENSES IN INCREMENTS OF 600 HEADS EACH (WHICH WILL INCLUDE A 20 PERCENT SPARE LEVEL), WITH APPROXIMATE VALUE OF 32,760 DOLS. LICENSES (WHICH WILL BE REPORTED IN MONTHLY STATISTICS) WILL NOT BE ISSUED UNTIL APPLICANT SATISFACTORILY COMPLIES WITH LISTED CONDITIONS. THESE CONDITIONS, WHICH SHOULD BE INCLUDED AS AN ANNEX TO THE REQUEST, ARE IDENTICAL TO THOSE ANNEXED TO REF. B EXCEPT AS FOLLOWS: (A) REFERENCE SHOULD BE MADE THROUGHOUT TO " THE APPLICANT" INSTEAD OF " APPLICANTS" IN THE PLURAL. (B) " ISOT 1020" SHOULD READ " ES 1020". (C) THE FIRST CONDITION READS " THE APPLICANT WILL INITIALLY BE PERMITTED TO SHIP ONLY 1,200 READ/ WRITE HEADS TO BULGARIA. WHEN THE APPLICANT CAN FURNISH SATISFACTORY END USE/ END USER INFORMATION REGARDING ISOT' S ACTUAL DISPOSITION OF COMPUTERS INCORPORATING 480 OF THESE HEADS (INCLUDING COMPUTERS BEING RETAINED BY THE CONSIGNEE FOR INVENTORY AND DISPLAY PURPOSES) THE US AUTHORITIES WILL FAVORABLY CONSIDER REAPPLICATION BY THE COMPANY FOR A SHIPMENT OF 600 MORE HEADS. THIS PROCEDURE WILL BE CONTINUED FOR THE INDEFINITE FUTURE TO THE END THAT THE BULGARIAN CONSIGNEE WILL ALWAYS HAVE AT ITS DISPOSAL NO MORE THAN 1200 HEADS FROM THE US COMPANY."(D) THE LAST SENTENCE OF THE SECOND CONDITION READS " THIS MEANS NO MORE THAN SIXTEEN COMPUTERS PER 600 READ/ WRITE HEADS, ALLOWING FOR A 20 PERCENT SPARE LEVEL." (E) IN THE FOURTH CONDITION, SECOND LINE, " THE SUBJECT EQUIPMENT" SHOULD READ " THE SUBJECT READ/ WRITE HEADS". (F) THE LAST CONDITION ON TEST INSTRUMENTS IS OMITTED. BROCHURES WERE DEPOSITED WITH THE SECRETARIAT IN CONNECTION WITH REF. B.

THE TRANSDUCER IS USED TO POSITION PRECISELY READ/ WRITE HEADS WITH RESPECT TO THE VARIOUS TRACKS ON THE SURFACE OF A DISC. IT SENSES THE LINEAR MOVEMENT OF A SERRATED METAL
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BAR AS IT PASSES THROUGH AN ELECTRICAL FIELD AND PRODUCES IMPULSES THAT POSITION THE HEAD ACTUATOR A PROPORTIONAL DISTANCE ACROSS THE DISC IN ACCORDANCE WITH CONTROL SIGNALS DERIVED FROM THE DISC CONTROLLER. THIS MODEL REPRESENTS EARLIEST TECHNOLOGY FOR POSITION SENSING DEVICES USED IN DISC DRIVES. HIGHER PERFORMANCE DRIVES USE EITHER ALL ELECTRONIC OR OPTICAL POSITION SENSING TECHNOLOGIES.

IF THIS EXPORT IS APPROVED, THE US WILL ISSUE TWO LICENSES - ONE FOR 203 TRANSDUCERS VALUED AT 12,855 DOLS, AND A SUBSEQUENT ONE FOR 300. BOTH LICENSES WILL DEPEND ON APPLICANT SATISFACTORILY FULFILLING THE FOLLOWING CONDITIONS. (ANNEX THESE TO THE REQUEST.)

PRIOR TO LICENSING THE VR 12: TR 313501 CYLINDER TRANSDUCERS THE US WILL INFORM THE APPLICANT IN WRITING OF THESE CONDITIONS:

1. THE INITIAL SHIPMENT WILL NOT EXCEED 203 TRANSDUCERS. AT SUCH TIME AS THE APPLICANT IS ABLE TO PROVIDE SATISFACTORY END USE INFORMATION AS TO THE DISPOSITION OF 100 TRANSDUCERS ON THE BASIS OF ONE TRANSDUCER PER DRIVE, US AUTHORITIES WILL BE AUTHORIZED TO LICENSE THE EXPORT OF THE ADDITIONAL 300 TRANSDUCERS AS REQUESTED BY THE APPLICANT. SATISFACTORY END USE INFORMATION IS CONSIDERED TO BE:

(A) THE NAME AND ADDRESS OF EACH END USER RECEIVING A BULGARIAN MANUFACTURED ZIT-151 OR 1020 COMPUTER SYSTEM CONFIGURED WITH THE TYPE ES 5052 DISC DRIVE.

(B) THE TYPE OF COMPUTER SHIPPED TO EACH RECIPIENT AND THE NUMBER OF DISC DRIVES WHICH ARE CONSTITUENT COMPONENTS OF THE SYSTEM.

(C) A STATEMENT AS TO THE NATURE OF THE GENERAL ACTIVITIES OF EACH END USER AND THE DATA PROCESSING APPLICATIONS THAT ARE MADE OF EACH COMPUTER SYSTEM.

(D) AN ACCOUNTING FOR THE DISPOSITION OF ANY TRANSDUCER EXPORTED WHICH HAS BEEN DESTROYED OR OTHERWISE DISPOSED OF.

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2. THE TRANSDUCERS USE IS LIMITED TO TEST AND EVALUATION BY ISOTIMPEX AND FOR INCORPORATION INTO THE TYPE ES 5052 DISC DRIVE.

3. ES 5052 DISC DRIVES INCORPORATING THIS COMPONENT MUST BE SHIPPED AS RANDOM ACCESS PERIPHERAL STORAGE DEVICES FOR ZIT 151 AND ES 1020 COMPUTERS MANUFACTURED IN BULGARIA. SUCH DISC DRIVES ARE NOT TO BE SHIPPED EXCEPT AS A PART OF TOTAL COMPUTER SYSTEM CONFIGURATION.

4. ZIT 151 AND ES 1020 COMPUTER SYSTEMS CONFIGURED WITH ES 5052 DISC DRIVES INCORPORATING THIS COMPONENT WILL BE SOLD SOLELY FOR SPECIFIED CIVILIAN USE AND WILL BE DELIVERED IN EQUIPMENT CONFIGURATIONS THAT ARE NORMAL FOR SUCH USE. IN NO EVENT WILL MORE THAN THREE DISC DRIVES BE INTERFACED WITH ANY ONE COMPUTER MAIN FRAME.

<< END OF DOCUMENT >>

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